

HOWREY & SIMON

May 14, 1999

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Box Patent Application



BY HAND DELIVERY



Assistant Commissioner for Patents
Washington, D.C. 20231

Re: Non-Provisional Utility Patent Application
Application No.: To be Assigned; Filed: May 14, 1999
For: **Liquid Crystal Displays Having Multi-Domains And A
Manufacturing Method Thereof**
Inventor(s): **Jang-Kun SONG, Seung-Beom PARK and Byoung-Sun NA**
Our Ref: 06192.0085

Sir:

The following documents are forwarded herewith for appropriate action by the
U.S. Patent and Trademark Office:

1. Utility Patent Application Transmittal Form;
2. Fee Transmittal Form 1082 (duplicate); and
3. U.S. Utility Patent Application entitled:
**Liquid Crystal Displays Having Multi-Domains
And A Manufacturing Method Thereof**

and naming as inventor(s):

Jang-Kun SONG, Seung-Beom PARK and Byoung-Sun NA

the application consisting of:

- a. a specification containing:
 - (i) 27 pages of description prior to the claims;
 - (ii) 7 pages of claims (51 claims); and
 - (iii) a one (1) page abstract;
- b. 21 sheets of informal drawings: (Figs. 1A, 1B, 2, 3A, 3B, 4A, 4B, 5, 6, 7, 8A, 8B, 9 - 18, 19A - E, and 20A - D);

4. our check no. 309850 for \$1,396.00 to cover the filing fee;
5. two (2) return postcards.

It is respectfully requested that, of the two attached postcards, one be stamped with the filing date of these documents and returned to our courier, and the other, prepaid postcard, be stamped with the filing date and unofficial application number and returned as soon as possible.

Applicant hereby claims foreign priority benefits under Title 35, United States Code, § 119 to Korean Application No. 98-17734 filed May 16, 1998, respectively.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 08-3038. A duplicate copy of this letter is enclosed.

Respectfully submitted,

Michael J. Bell

Michael J. Bell
Registration No. 39,604

Enclosures

by
Jed R. Mael

41,408

HOWREY & SIMON
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Attorney Docket No. 06192.0085

U.S. PTO
09/31/18
05/14/99

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): **Jang-Kun SONG, Seung-Beom PARK and Byoung-Sun NA**

For: **Liquid Crystal Displays Having Multi-Domains And A Manufacturing Method Thereof**

Enclosed are:

- ☒ 21 sheets of informal drawings. (Figs. 1A, 1B, 2, 3A, 3B, 4A, 4B, 5, 6, 7, 8A, 8B, 9 - 18, 19A - E, and 20A - D)
- ☐ An assignment of the invention to SAMSUNG ELECTRONICS CO., LTD.
- ☐ Form PTO-1595.
- ☐ A certified copy of
- ☐ An associate power of attorney.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☐ Executed Power of Attorney from Assignee.
- ☐ Executed Declaration for Patent Application.

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)		SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
FOR	NO. FILED	NO. EXTRA		RATE	FEE		RATE	FEE
BASIC FEE					\$ 380.00	OR		\$ 760.00
TOTAL CLAIMS	51	-20 =	* 31	x 9 =		OR	31 x 18 =	558.00
INDEP. CLAIMS	4	-3 =	* 1	x 39 =		OR	1 x 78 =	78.00
<input type="checkbox"/> MULTIPLE DEPENDENT CLAIM PRESENTED				+ 130 =		OR	+ 260 =	
*If the difference in Col. 1 is less than zero, enter "0" in Col. 2				TOTAL		OR	TOTAL	\$ 1,396.00

☐ Please charge my Deposit Account No. 08-3038 in the amount of _____. A duplicate copy of this sheet is attached.

☒ A check in the amount of \$ 1,396.00 to cover the filing fee is enclosed.

☒ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is attached.

☒ Any additional filing fees required under 37 CFR 1.16.

☒ Any patent application processing fees under 37 CFR 1.17.

☐ The U.S. Patent and Trademark Office is hereby authorized to charge payment of the following fees during the pendency of this application or credit any overpayment to Deposit Account No. 08-3038. A duplicate copy of this sheet is enclosed.

☐ Any patent application processing fees under 37 CFR 1.17

☐ The issue fee set in 37 CFR 1.18 at or before mailing of the Notice of Allowance, pursuant to 37 CFR 1.311(b).

☐ Any filing fees under 37 CFR 1.16 for presentation of extra claims.

Date May 14, 1999

Michael J. Bell
Michael J. Bell (Reg. No. 39,604)

41,408

Please type a plus sign (+) inside this box - ☒

PTO/SB/05 (2/98)

Approved for use through 09/30/00. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL <small>(Only for new nonprovisional applications under 37 CFR 1.53(b))</small>		Attorney Docket No. 06192.0085	
		First Named Inventor or Application Identifier Jang-Kun SONG	
		Title Liquid Crystal Displays Having Multi-Domains And A Manufacturing Method Thereof	
		Express Mail Label No.	
APPLICATION ELEMENTS <small>See MPEP chapter 600 concerning utility patent application contents</small>		Assistant Commissioner for Patents ADDRESS TO: Box Patent Application Washington, DC 20231	
<div>1. <input checked="" type="checkbox"/> *Fee Transmittal Form (Form PTO-1082) <small>(Submit an original and a duplicate for fee processing)</small></div> <div>2. <input checked="" type="checkbox"/> Specification [Total Pages 35] <small>(preferred arrangement set forth below)</small><ul style="list-style-type: none">- Descriptive title of the Invention- Cross References to Related Applications- Statement Regarding Fed sponsored R&D- Reference to Microfiche Appendix- Background of the Invention- Brief Summary of the Invention- Brief Description of the Drawings (if filed)- Detailed Description- Claims- Abstract of the Disclosure</div> <div>3. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets 21]</div> <div>4. <input type="checkbox"/> Oath or Declaration [Total Pages]<ul style="list-style-type: none">a. <input type="checkbox"/> Newly executed (original or copy)b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) <small>(for continuation/divisional with Box 17 completed)</small> <small>[Note Box 5 below]</small>i. <input type="checkbox"/> DELETION OF INVENTOR(S) <small>Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</small></div> <div>5. <input type="checkbox"/> Incorporation By Reference (useable if Box 4b is checked) <small>The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</small></div>		<div>6. <input type="checkbox"/> Microfiche Computer Program (Appendix)</div> <div>7. Nucleotide and/or Amino Acid Sequence Submission <small>(if applicable, all necessary)</small><ul style="list-style-type: none">a. <input type="checkbox"/> Computer Readable Copyb. <input type="checkbox"/> Paper Copy (identical to computer copy)c. <input type="checkbox"/> Statement verifying identity of above copies</div>	
		ACCOMPANYING APPLICATION PARTS	
		<div>8. <input type="checkbox"/> Assignment Papers (cover sheet & document(s))</div> <div>9. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input type="checkbox"/> Power of Attorney <small>(when there is an assignee)</small></div> <div>10. <input type="checkbox"/> English Translation Document (if applicable)</div> <div>11. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</div> <div>12. <input type="checkbox"/> Preliminary Amendment</div> <div>13. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Two) <small>(should be specifically itemized)</small></div> <div>14. <input type="checkbox"/> *Small Entity Statement(s) <input type="checkbox"/> Statement filed in prior application, Status still proper and desired</div> <div>15. <input type="checkbox"/> Certified Copy of Priority Document(s) <small>(if foreign priority is claimed)</small></div> <div>16. <input type="checkbox"/> Other:</div>	
<div>17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information: <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: / Prior Application Information: Examiner: Group/Art Unit:</div>			
18. CORRESPONDENCE ADDRESS			
<div><input type="checkbox"/> Customer Number or Bar Code Label or <input checked="" type="checkbox"/> Correspondence address below <small>(Insert Customer No. or Attach bar code label here)</small></div>			
NAME		HOWREY & SIMON	
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CITY	Washington	STATE	DC
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		ZIP CODE	20004-2402
		FAX	202-383-7195
Name (Print/Type)	Michael J. Bell	Registration No. (Attorney/Agent)	39,604
Signature	Michael J. Bell	Date	May 14, 1999

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Del R. Marsh 41,408